

Abstract Of The Disclosure

A method for accessing a database is provided. The method includes creating in a design environment a file that defines a metadata. The metadata relates at least one business object and at least one query. The method also includes communicating the file to a mobile device, 5 storing the file on the mobile device, and transforming the file into a binary structure at an initial run of a computer application running on the mobile device. The binary structure is adapted to be read by the computer application. The method also includes recording the binary structure in a memory of the mobile device. A method for providing database access for a plurality of files with a limited number of database access channels is provided. A 10 method for is provided for accessing a database in a computing environment for a plurality of recordsets. Each of the plurality of recordsets is associated with a database access channel for fetching records of the plurality of recordsets from the database upon occurrence of a preselected event. A method of fetching data for a plurality of active file from a database having a limited number of database connections is provided. A computer readable medium 15 is provided which stores instructions executable by a computer. The instructions include a method for providing database access for a plurality of files with a limited number of database access channels. A device for accessing a database is provided. A system for updating a database access program is provided.